



II

Urban District of Brentwood



Annual Report

of the

Medical Officer of Health

and the

Chief Public Health Inspector

for

1967



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URBAN DISTRICT OF BRENTWOOD

MEMBERS OF THE COUNCIL
(as at the 31.12.67.)

Chairman: J.K. Savage

Vice-Chairman: M.C. Copsey

C. Barber	
W.T. Brocklebank	(1)
A.M. Cannon	(1)
F.E.J. Chitty	(1)
C.G. Covell	(1)
A.J. Davidson	(2)
S.G. Golding	
G.C. Green	
Mrs. M. Hutton	
J.A. Isgrove	(1)
H.L. Lansdell	
E.A. Mather	(1)
P.T. Mitchell	(1)
M.T. Nicholls	
R.T. Noble	
J.W.E. Reddell	
G. de C. Rolls	
J.S. Rowe	(1)
F.W.C. Salway	(1)
J.A. Sanderson	(1)
R.W. Sibley	
N.R. Thain	
G.H. Thorne	(1)
J.M. Tyrer	
H. Van den Branden	
Mrs. J.I. Watson	(3)
L.B. Wickes	(1)

- (1) Member of the Health and Sewerage Committee;
- (2) Chairman of the Health and Sewerage Committee;
- (3) Vice-Chairman of the Health and Sewerage Committee.

N.B. Cllr. J.W. Cole died 15th September, 1967.

Medical Officer of Health

Dr. Alan Crowley, M.A., M.B., B.Ch., D(Obst.) R.C.O.G., D.P.H.,
(Resigned: 7th April, 1967.)

Dr. James Gorman, M.B., Ch.B., D.P.H., F.R.S.H.
(Commenced 2nd October, 1967)

Deputy Medical Officer of Health

Dr. Wendy Billington, M.B., B.S., M.R.C.S., L.R.C.P.

Chief Public Health Inspector

Mr. P.T. Shelton, M.A.P.H.I., M.R.S.H., Public Health Inspector,
Meat and Food Inspector, Royal Society of Health's Certificate in
Sanitary Science as applied to Buildings and Public Works. Final
Examination Chartered Auctioneers' and Estate Agents Institute.

Deputy Chief Public Health Inspector

Mr. E.A. Shppard, M.A.P.H.I., C.R. San.I. Public Health Inspector,
Meat and Food Inspector, Royal Society of Health's Certificate in
Sanitary Science as applied to Buildings and Public Works.

District Inspectors

Mr. G.D. John, M.A.P.H.I., C.R.San.I, Public Health Inspector,
Meat and Food Inspector, R.S.H. Diploma for Smoke Inspectors.

Mr. M.A. Jackson, Public Health Inspectors' Certificate of the P.H.I.E.B.
R.S.H. Diploma for Inspection of Meat and Other Foods.

Mr. T.P. Gibbs, M.A.P.H.I., Public Health Inspectors' Diploma of the
P.H.I.E.B. (Commenced: 1st January, 1967.)

Clerks: Miss E.P. Turff. A.R.S.H.
Mrs. T. Clark, Aff.R.S.H.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR, 1967.

To the Chairman and Members of the Urban District Council of Brentwood

Mr. Chairman, Ladies and Gentlemen,

I beg to present my Annual Report for 1967. The major portion for the year was covered by Dr. Alan Crowley who left in April to take up a post in Derbyshire. The interim period prior to my appointment being ably covered by Dr. Wendy Billington.

The vital statistics proved a generally satisfactory picture. Infectious diseases show a marked increase attributed to a Measles epidemic and a large increase in cases of Whooping cough.

The environmental aspect of our Local Health Service continues to receive very adequate care. The work of several voluntary committees with a Public Health bearing is extremely helpful and praiseworthy.

I am indebted to the County Medical Officer of Health and the Area Medical Officer for permission to detail the personal health services.

Last, but not least, my best thanks are due to Dr. Billington, Mr. Shelton and Miss Turff, who have done so much to smooth my entry into my post.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your obedient servant.

JAMES GORMAN.

STATISTICS AND SOCIAL CONDITIONS

Area in Acres	...	...	...	18,269
Estimated (mid-year) Resident Population (Registrar General's figures)	...			57,000
Rateable Value	...	...	...	£2,555,848
Sum represented by a Penny Rate	...	...	...	£10,280
Number of Inhabited Houses	...	...	...	17,287

VITAL STATISTICS

<u>Live Births:</u>	M.	F.	<u>Totals:</u>
Total Number of Births	426	443	869
Number of Legitimate Births	407	425	832
Legitimate Births (% of total live births)			95.74%
Number of Illegitimate Births	19	18	37
Illegitimate Births (% of total live births)			4.26%
Crude Birth Rate per 1,000 population			15.2
Area Comparability Factor			0.93
Corrected Birth Rate			14.17

	<u>Brentwood</u>		<u>England & Wales</u>	
	<u>1967</u>	<u>1966</u>	<u>1967</u>	<u>1966</u>
Live Birth Rate per 1,000 population	14.17	15.40	17.2	17.7
Illegitimate Births (% of total live births)	4.26%	5.35%	-	-

<u>Still Births:</u>	M.	F.	<u>Totals:</u>
Number of Still Births	2	3	5
Legitimate	1	2	3
Illegitimate	1	1	2
Stillbirths Rate per 1,000 total live and stillbirths			6.0
Total Live and Stillbirths			874

	<u>Brentwood</u>		<u>England & Wales</u>	
	<u>1967</u>	<u>1966</u>	<u>1967</u>	<u>1966</u>
Stillbirth Rate per 1,000 total live and stillbirths	6.0	11.63	14.8	15.4

Births: A small decrease is noted as against 1966, and the figure remains clearly below the National average.

<u>Deaths:</u>	M.	F.	<u>Totals:</u>
Total Deaths	290	361	651
Crude Death Rate			11.4
Area Comparability Factor			0.77
Corrected Death Rate			8.79

	<u>Brentwood</u>		<u>England & Wales:</u>	
	<u>1967</u>	<u>1966</u>	<u>1967</u>	<u>1966</u>
Death Rate per 1,000 population	8.79	8.39	11.2	11.7

Infant Mortality:

Infant Mortality Rate (total infant deaths per 1,000 total live births)=	17.3
Legitimate Infant Mortality Rate (total legitimate infant deaths per 1,000 legitimate live births);	= 18.0
Illegitimate Infant Mortality Rate (total illegitimate infant deaths per 1,000 illegitimate live births);	= Nil
Neo-natal Mortality Rate (deaths of infants under four weeks per 1,000 total live births);	= 8.0
Early Neo-natal Mortality Rate (deaths under one week per 1,000 total live births);	= 6.9
Perinatal Mortality Rate (stillbirths & deaths under one week combined per 1,000 total live & stillbirths);	= 13.0

	<u>Brentwood</u>		<u>England & Wales</u>	
	<u>1967</u>	<u>1966</u>	<u>1967</u>	<u>1966</u>
Infant Mortality Rate	17.3	9.62	18.3	19.0
Illegitimate Infant Mortality Rate	Nil	20.0	-	-
Neo-natal Mortality Rate	8.0	8.5	12.5	12.9
Early Neo-natal Mortality Rate	6.9	7.5	10.8	11.1
Perinatal Mortality Rate	13.0	19.0	25.4	26.3

Maternal Mortality (including abortion)

Number of deaths due to pregnancy or confinement	Nil
Maternal Mortality Rate per 1,000 total live and stillbirths.	Nil

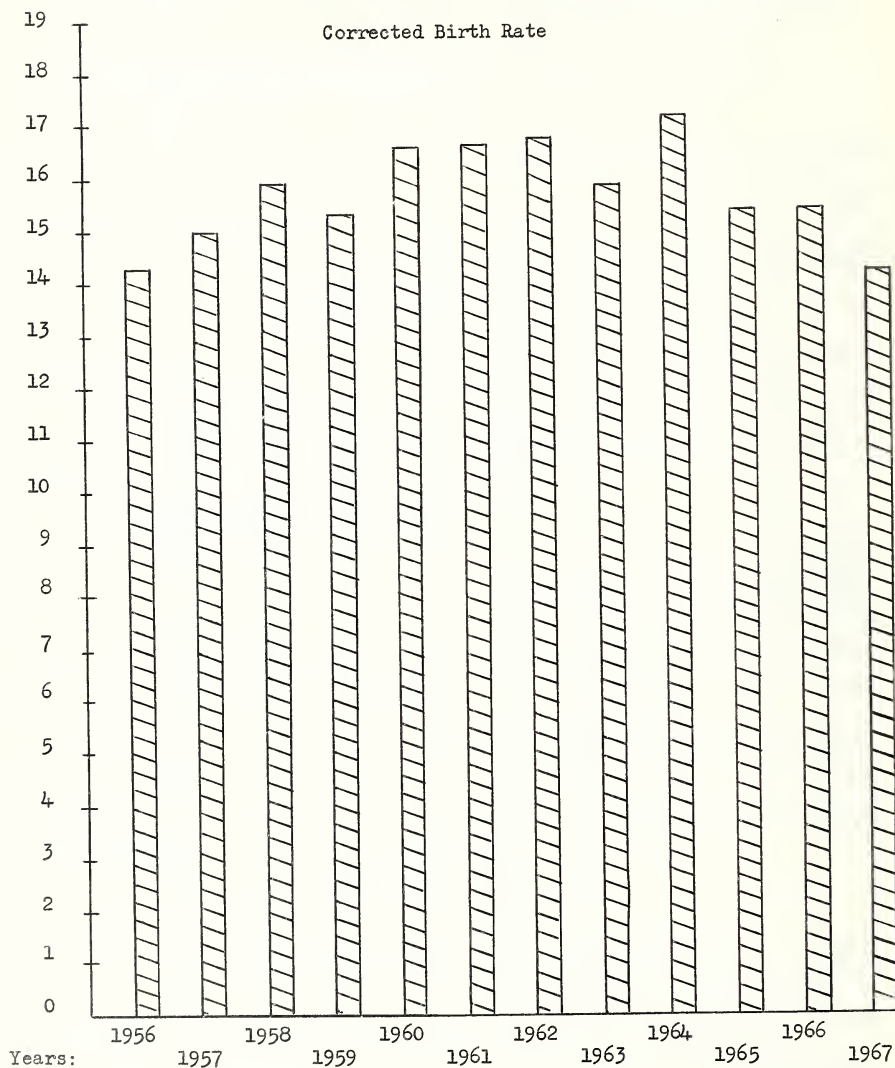
Vital Statistics

Deaths: The rate of 8.79 shows a marginal increase on the previous year but is much below the National average of 11.2.

Infant Mortality: The rate of 17.3 shows an increase on 1966, although this is below the National average.

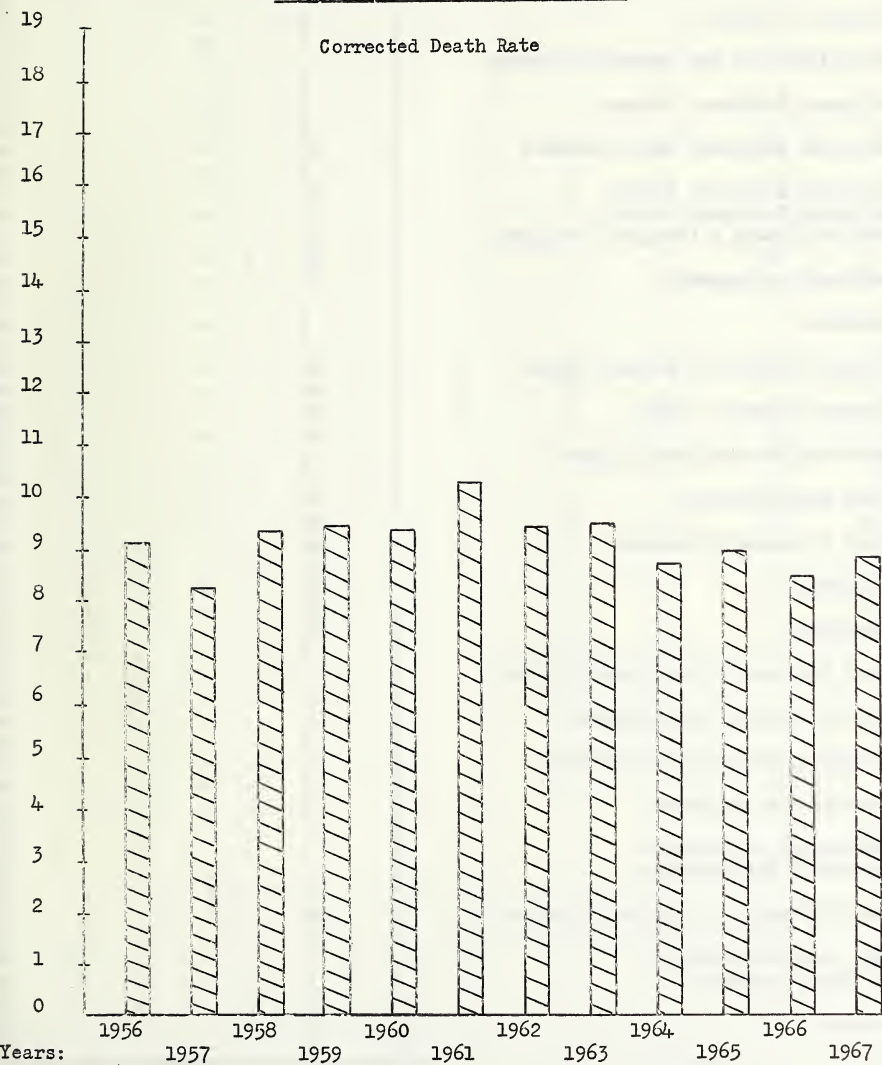
Maternal Deaths: None occurred during 1967.

BIRTH RATES per 1,000 Population



DEATH RATES per 1,000 Population

Corrected Death Rate



Cause of Death:	Sex	Total All Ages	Under 4 weeks	4 weeks & under 1 year
Tuberculosis, Respiratory	M	3	-	-
	F	4	-	-
Syphilitic Disease	M	1	-	-
	F	1	-	-
Other Infective and Parasitic Diseases	M	1	-	-
	F	2	-	-
Malignant Neoplasm, Stomach	M	3	-	-
	F	4	-	-
Malignant Neoplasm, Lung, Bronchus	M	26	-	-
	F	7	-	-
Malignant Neoplasm, Breast	F	17	-	-
Malignant Neoplasm, Uterus	F	1	-	-
Other Malignant & Lymphatic Neoplasms	M	27	-	-
	F	35	-	-
Leukaemia, Aleukaemia	M	1	-	-
	F	1	-	-
Diabetes	M	2	-	-
	F	5	-	-
Vascular Lesions of Nervous System	M	34	-	-
	F	60	-	-
Coronary Disease, Angina	M	50	-	-
	F	41	-	-
Hypertension with Heart Disease	M	2	-	-
	F	4	-	-
Other Heart Disease	M	50	-	-
	F	78	-	-
Other Circulatory Disease	M	10	-	-
	F	13	-	-
Pneumonia	M	19	-	2
	F	35	-	2
Bronchitis	M	20	-	1
	F	5	-	-
Other Diseases of Respiratory System	M	2	-	-
	F	2	-	-
Ulcer of Stomach and Duodenum	M	2	-	-
	F	2	-	-
Gastritis, Enteritis & Diarrhoea	M	2	-	-
	F	2	-	-
Nephritis and Nephrosis	M	1	-	-
	F	2	-	-
Hyperplasia of Prostate	M	1	-	-
Congenital Malformations	M	1	1	-
	F	4	2	1
Other Defined & Ill-defined Diseases	M	20	-	-
	F	32	4	2
Motor Vehicle Accidents	M	7	-	-
All Other Accidents	M	4	-	-
	F	2	-	-
Suicide	M	1	-	-
	F	2	-	-
Total All Causes:	M	290	1	3
	F	361	6	5

		Age in Years							
1 -	5-	15 -	25 -	35 -	45 -	55 -	65 -	75 & over	
M	-	-	-	-	-	1	1	1	
F	-	-	-	-	1	1	-	2	
M	-	-	-	-	-	-	1	-	
F	-	-	-	-	-	-	1	-	
M	-	-	-	-	1	-	-	-	
F	-	-	-	-	-	1	-	1	
M	-	-	-	-	-	-	2	1	
F	-	-	-	-	-	-	-	4	
M	-	-	-	-	4	8	10	4	
F	-	-	-	-	1	1	3	2	
F	-	-	-	-	2	5	6	4	
F	-	-	-	1	-	-	-	-	
M	-	-	1	1	3	8	8	6	
F	-	-	1	2	4	3	12	12	
M	-	1	-	-	-	-	-	-	
F	-	-	-	-	-	1	-	-	
M	-	-	-	-	-	-	-	2	
F	-	-	-	-	-	2	-	3	
M	-	-	-	1	1	7	11	14	
F	-	-	-	1	1	6	9	43	
M	-	-	-	3	5	10	17	15	
F	-	-	-	-	3	6	11	21	
M	-	-	-	-	-	-	1	1	
F	-	-	-	-	-	-	2	2	
M	-	1	-	-	-	2	18	29	
F	-	-	-	-	2	8	16	52	
M	-	-	-	-	-	2	4	4	
F	-	-	-	-	1	-	2	10	
M	-	-	1	-	-	1	5	10	
F	-	-	-	1	1	1	8	22	
M	-	-	-	-	1	1	7	10	
F	-	-	-	-	-	1	3	1	
M	-	-	-	-	-	-	-	2	
F	-	-	-	-	-	-	-	2	
M	-	-	-	-	-	-	1	1	
F	-	-	-	-	-	-	-	2	
M	-	-	-	-	-	1	-	1	
F	-	-	-	-	-	-	1	1	
M	-	1	-	-	-	1	-	1	
F	-	-	-	-	-	-	-	1	
M	-	-	-	-	-	-	-	1	
M	-	-	-	-	-	-	-	-	
F	-	-	-	1	-	-	-	-	
M	1	-	-	-	2	4	5	8	
F	-	-	-	4	2	3	8	9	
M	-	1	1	3	1	-	-	1	
M	-	1	1	-	-	-	-	1	
F	-	-	-	-	-	-	1	1	
M	-	-	-	-	1	-	-	-	
F	-	-	-	-	1	1	-	-	
M	1	2	4	4	8	19	45	112	
F	-	-	1	1	10	19	41	195	

CAUSES OF DEATH

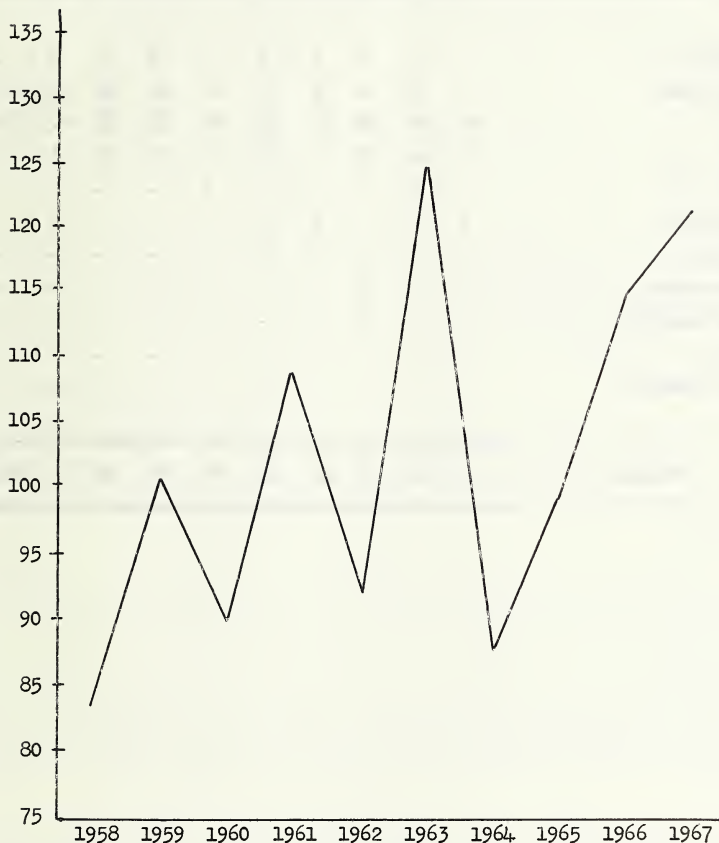
HEART and CIRCULATORY DISEASES



Causes of Death:

The major causes include heart diseases, coronary disease, malignant neoplasms, and bronchitis. The first two show a decrease in 1967 as do bronchitis and pneumonia, but neoplasms have increased, particularly cancer of the lung increased from 30 to 33, and cancer of the breast from 12 to 17. Cancer of the uterus declined from 4 to 1, and cancer of the stomach declined from 11 to 7.

CAUSES OF DEATH
MALIGNANT NEOPLASMS



Causes of Death:

It is probably unwise to draw too finite conclusions from any annual figures in isolation, since the following year may well prove embarrassing. Comparatively the general trend over a period of years gives a more rewarding picture and whilst some diseases appear to have a significant cause, our knowledge overall is still very incomplete.

ANALYSIS OF NOTIFIABLE DISEASES UNDER AGE GROUPS

Diseases:	Under		1 year		1 year		2 years		3 years		4 years	
	1 year		1 year		2 years		3 years		4 years		4 years	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.

Scarlet Fever	-	-	-	-	2	-	2	1	3	1		
Whooping Cough	-	5	4	6	7	9	12	11	10	7		
Measles	18	20	53	69	75	66	71	71	67	74		
Dysentery	-	-	2	-	1	1	2	3	1	1		
Pneumonia	-	1	-	-	-	1	-	-	-	-		
Food Poisoning	1	-	-	1	-	1	-	-	2	-		
Tuberculosis	-	-	-	-	-	-	-	-	-	-		
T.B. Other Forms	-	-	-	-	-	-	-	-	-	-		
Infective Hepatitis	-	-	-	-	-	-	-	-	-	-		
Erysipelas	-	-	-	-	-	-	-	-	-	-		
Puerperal pyrexia	-	-	-	-	-	-	-	-	-	-		

Totals:	19	26	59	76	85	78	87	86	83	83		
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ANALYSIS OF NOTIFIABLE DISEASES UNDER AGE GROUPS

5 - 9yrs.		10 - 14		15 - 24		25 - 44		45 - 64		65 - 74		75 & over		Totals:	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
7	7	-	-	-	-	-	-	-	-	-	-	-	-	14	9
25	33	6	1	1	-	-	3	-	-	-	-	-	-	65	75
210	159	5	5	3	4	-	2	-	-	-	-	-	-	502	470
15	2	2	-	-	1	-	-	-	-	-	-	-	-	23	8
-	-	-	-	-	2	1	1	-	-	1	-	1	-	3	5
1	-	-	-	-	2	1	1	-	1	-	-	-	-	5	6
-	-	-	-	-	1	2	3	1	-	2	1	-	-	5	5
-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
-	-	-	-	1	-	-	1	1	-	-	-	-	-	2	1
-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-
-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	4
258.201.		13	6	6	11	5	13	3	1	2	2	-	1	620.	584.

INFECTIOUS DISEASES

The following is a comparative table of notification of infectious diseases:-

	<u>1966</u>	<u>1967</u>
Scarlet Fever	15	23
Whooping Cough	7	140
Measles	531	972
Dysentery	11	31
Pneumonia	10	8
Erysipelas	-	1
Food Poisoning	5	11
Tuberculosis - respiratory	11	10
Tuberculosis - other forms	-	1
Infective Hepatitis	5	3
Puerperal pyrexia	4	4
	<hr/>	<hr/>
Totals:	599	1204
	<hr/>	<hr/>

Scarlet Fever:

The alteration in type of this disease and the degree to which such infections are now subject to clinical control makes it a suitable candidate for omission as a notifiable disease.

Whooping Cough:

It will be seen that the notifications during 1967 rose from 13 and 7 in previous years to 140, which was indeed most disappointing. Here again, however, it would be as unwise to dogmatize on a single years results, as it would be to ignore them.

Measles:

The numbers notified represent an epidemic. The forthcoming protection programme should, in due course, alter the measles cycle.

Erysipelas:

The value of notifying this disease is, to me, obscure.

Infective Hepatitis:

The number of cases notified was small. It may well be that the disease, presumably viral in origin, can create a certain amount of residual liver mischief and it is certainly not lightly regarded by its victims. Whatever be its cause and method of spread, control of an epidemic is not outstandingly within our power whilst the variability of its incubation period makes contact exclusion from work or school impracticable.

Dysentery:

There was no major outbreak during the year, although one incident involving 18 cases imposed a temporary strain upon the personnel of the Public Health Department involving as it did the taking of over 300 faecal specimens.

The control of this disease on a large scale is, at least, partially within our powers, whilst clinically of relatively short duration (a few days), achieving a satisfactory series of bacteriological results in any given case is not quite so predicable. It may be that freedom from symptoms allied to scrupulous personal hygiene provides a reasonable safeguard, although in special classes (food handlers) stricter standards are demanded. Likewise in say an infants' school it is easier to talk about personal hygiene than to ensure it.

Food Poisoning:

No major incident was noted. The organisms involved in the 11 cases notified were *Salmonella typhimurium*, *salmonella enteritides*, *salmonella indiana*, *salmonella newport* and *salmonella panama*. Many of these cases were transient, if unpleasant, but there is always a danger that the *salmonella* type involved may be found resistant to antibiotic attack.

General:

It is always impossible in the light of present circumstances to realise the scourge represented over 30 years ago by diphtheria, cerebrospinal fever, and puerperal septicaemia. Antibiotics and immunisation have transformed the scene and sanitary science has over a long period assisted in the revolution. Unfortunately, when one peak is scaled it tends to reveal the presence of others hitherto unsuspected, and as the old order of infectious disease gives place to the new, so the world of viruses, for example, presents at once a problem and a challenge against which only meticulous team work can hope to succeed.

The work of the Public Health Inspector:

The Public Health Inspector functions in a variety of fields with a medical bearing (housing, infectious diseases, geriatrics, food cleanliness). His work has always appeared to me to be most inadequately appreciated. He has remained basically a field worker albeit the nature of his work has altered in accent and scope. He is, so to speak, a founder member of the Public Health team whose importance is reflected not in any glamorous public image but in the esteem in which he is held by fellow members of the team. His contribution to past, present, and, I have no doubt, future public health progress may confidently be assumed.

OTHER ORGANISATIONS AND SERVICES

Brentwood Tuberculosis and Chest Care Association:

The following report has been received from the Hon: Secretary of this Association - Mrs. Theresa Clark :-

The Brentwood Tuberculosis and Chest Care Association started 1967 with serious financial problems. The loss of the grant under the Sunday Entertainment Act 1932, combined with the increased numbers of people receiving help and the rising cost of providing benefits, had resulted in a warning from the Treasurer at the Annual General Meeting, that more money was being spent than received.

However, in answer to appeals made during the previous year to the Brentwood Urban District Council and the Brentwood Carnival Committee, the situation was retrieved when in August, following the Carnival, the Association received the proceeds of the Street Collection, and in September a very generous grant from the Brentwood Urban District Council.

This money enabled the Committee to continue its work unhampered by financial problems and to recommence various forms of benefit which had been discontinued earlier in the year. These included the supply of coal where urgently needed and the provision of recuperative holidays where it was felt that patients would derive benefit from these.

The number of people who had been helped during the year remained fairly constant and milk, eggs and groceries were supplied wherever the Doctor or Health Visitor dealing with the case had felt the provision of such food would prove beneficial. In addition, a new form of nutriment had been added during the year and some patients were now receiving supplies of Complan. The manufacturers of this product had allowed the Committee to purchase this in bulk at the wholesale price and it is felt that this will prove a very useful additional benefit and of great value in certain cases.

The Chairman of the Brentwood Urban District Council had again very kindly agreed to supply a Christmas parcel to each of the patients who were in receipt of benefit at that time and the Association had made a gift to five people in hospital which had been taken to them by Doctor Rix, the Chairman, on Boxing Day.

This had proved another satisfactory and worth-while year. The continuing co-operation of all concerned, coupled with the generosity of Brentwood's citizens and Council, had enabled assistance and comfort to be given to a great number of people in need."

Laundry Service for the Incontinent:

This service offers free laundering for the chronic sick where laundry is soiled and unsuitable for sending to a commercial laundry. Seventeen new patients were helped in this way during the year and 5,430 articles of clothing were put through the machines.

I have received the following report from the Hon: Secretary, Miss Evelyn Turff :-

" Another year has passed and once again I present my report on the work of the above Committee, but before giving details of its activities I would like to mention the changes which have taken place within its membership. Dr.A. Crowley, Medical Officer of Health, left in April to take up a new appointment in Derbyshire, and Mr. R.E. Smith, Technical Advisor to the North Thames Gas Board, also resigned.

We were pleased to welcome Mrs. Butterworth representing the Townswomen's Guild, Mrs. Pascoe representing the Hutton (Hall Green) W.I. and Mr. F.E. Sutton, District Service Manager to the North Thames Gas Board. On the 2nd October, 1967, Dr. Gorman was appointed Medical Officer of Health and we were delighted to know he was willing to help us. We had hoped he would have accepted the position of Chairman, but he said he would prefer to be an ordinary member of the committee as he would be able to contribute at least as effectively. Our Vice-Chairman, Mrs. Janet Hayward, has performed her duties admirably and we are very grateful to her for her services.

In February, 1967, delegates from the East Anglian Home Safety Council were officially welcomed by Councillor G.C. Green, Chairman of the Council, on their first visit to Brentwood, and after the business meeting tea was provided by the committee. This Area Committee covers Norfolk, Suffolk and Essex and all Home Safety Committees within its boundary send representatives to the Quarterly meetings.

I give below details of our activities during 1967:-

Spring Campaign - Home Safety Competition:

This campaign took the form of a Home Safety Competition and competitors were asked to select eight items from a group of twelve items they considered most important in the prevention of home accidents, and then to write in not more than fifty words what they considered to be the best method of putting across to the public 'Safety in the Home'. The forms were specially printed and distributed to householders in the district. This campaign was very costly and the response disappointing, but I feel sure the committee gained a great deal of experience in dealing with this type of campaign.

Summer Fair at the County High School for Girls:

On the 10th June, 1967, we organised a side-show and exhibition of posters, together with the distribution of leaflets. This Fete was very well attended and we hope, in our small way, to have contributed to the success of the afternoon.

Brentwood Carnival - 29th July, 1967.

Once again members agreed to put a float in the local Carnival, but we had to choose a title from one of Walt Disney's films. We chose "Winnie-the-Pooh" and Councillor G. de C. Rolls set to work to organise this float. In spite of many difficulties it turned out to be a great success and thanks are due to Cllr. Rolls and his family, together with members of the committee, for their loyal support.

National Home Safety Conference - 18th & 19th October, 1967.

This Conference was held at the Friends House, Euston Road, London.N.W.1 and the meetings were attended by Mrs. Pascoe on the 18th and Dr. Gorman on the 19th October, 1967.

Social Evening - 24th November, 1967.

A Home Safety film entitled "New Pin House" had been produced by the staff of the Billericay Secondary Modern School under the direction of the Headmaster, Mr. J.K. Goldwin and as we had purchased a copy of this film we decided to hold a social evening to which all Head Teachers and representatives from other organisations were invited to attend.

The Health Education Section of the Essex County Council provided an excellent exhibition at the Council Offices on this occasion and refreshments were provided by members of the committee.

Christmas Exhibition at the Council Offices:

During the Christmas week a small exhibition was held at the Council Offices organised by the Road Safety Officer and ourselves. Home Safety serviettes were given to children attending the Infant schools and Calendars for 1968 were distributed to pupils attending the Senior schools in the district.

Deaths from Home Accidents:

According to statistics received from the Royal Society for the Prevention of Accidents, falls constitute by far the most frequent cause of accidental deaths in and around the home. The majority of the victims of falls are elderly people. 89% of the fatalities in 1965 were to people in the age group 65 years and over. The second main cause of accidental deaths in the home is poisoning. 57% of the poisoning deaths in 1965 were due to domestic (illuminating) gas, seven out of ten of the victims being in the age group 65 years and over. Fatalities involving drugs constituted 35% of the deaths due to poisoning. Burns and scalds are the third main cause of home accident fatalities in this country. Eight out of ten of the victims of burns by clothing were women and girls, and nearly 69% of the victims of suffocation and choking were babies and children under five.

Home accidents are of many different kinds as mentioned above, and the consequences of these can be so serious that unflagging effort is needed from all who can help to educate the public in the prevention of accidents.

Conclusion: (Brentwood Home Safety Committee)

I would like to thank all members for their co-operation during the year. On behalf of the committee may I express our very grateful thanks to the Brentwood Urban District Council for their financial support, and to the Health Education Section of the Essex County Council, under the direction of the County Medical Officer of Health, for their continued support in the work of Home Safety in this area."

Road Safety:

The following report has been received from Mr. H. Brining, Road Safety Officer:-

" It is pleasing to be able to report that during 1967 there was in Brentwood a 22 per cent decrease in road casualties, when compared with 1966, the figures being 456 and 551 respectively. There were substantial falls in casualties from January to July, increases from August to November, and a further decrease in December when, no doubt, the law on drink and driving had its effect. Over half the casualties, 259, were to drivers and their passengers, the next highest group being motor-cyclists and their pillion riders, of whom 48 were killed or injured. Among casualties to children there were 31 pedestrians and 13 pedal cyclists, the latter showing a reduction of 5 compared with 1966.

Training:

Considerable success has been achieved in the enrolment of the under sevens in the Tufty Club, and during the first full year of training in Cycling Proficiency 592 children were tested, of whom 575 gained certificates and badges of proficiency. Michael Harwood, 11 years of age, gained the highest marks during 1967, 99 out of 100, and was awarded a special prize. The considerable increase in the number of children trained, from 126 in 1966 to 592 in 1967, is the result of the appointment of a Cycle Training Organiser, whose work in this field could not have been so effective without the ready co-operation given by Head Teachers.

General:

It was again with the assistance of Head Teachers that some thousands of children were present at the road safety quizzes held between teams in junior and senior schools, who thus improved their awareness of correct road behaviour. Quizzes have also been held between local adult organisations, and lectures in advance driving techniques have taken place, for the average driver to learn how to increase his skill, under the expert guidance of the County Police.

The Police have also been extremely active in the schools, all of which having been visited at least once during the year. The children were given lectures, film shows and playground demonstrations. At the other end of the age scale, a number of old folk's clubs have received knowledge of Road Safety by means of film shows."

Welfare Services - Voluntary Organisations

The Brentwood Council gives grants to various voluntary organisations such as the W.V.S. "Meals-on-Wheels", the Citizens Advice Bureaux, Marriage Guidance Council, Holidays for the old folks and the Welfare Committee for the Aged. All the above organisations render valuable service to the community especially to those most in need.

SEWERAGE and SEWAGE DISPOSAL

I have received the following report from Mr. P.C. Emes, Engineer, Surveyor, and Planning Officer, giving a brief summary of progress on main drainage schemes during 1967 :-

Nags Head Lane Sewage Disposal Works Extensions:

Work proceeded on the construction of the extensions and after a delay due to the very wet winter, the first stage was commissioned in October and it is hoped to bring further units into operation during 1968. During the summer of 1967 difficulties were experienced in the River Ingrebourne arising from the extensions. To overcome this, chlorination was introduced at the final outfall which assisted in the purification of the effluent. Difficulties are still being experienced in producing a satisfactory effluent, but experiments are being carried out to discover the reasons.

The estimated cost of this scheme is £800,000.

Lapwater Hall Sewage Disposal Works:

The above works have now been completed and all units were finally commissioned in Spring 1967. Recent analyses now show the final discharge to be of a very high standard and consistently better than the standards laid down by the Essex River Authority. The final cost of this scheme will be in the region of £360,000.

Shenfield and Hutton Sewage Disposal Works:

These works have continued to produce a generally satisfactory discharge, although they are now approximately 10% overloaded. Minor works of repair have been executed to the grass irrigation plots during the year and certain items of mechanical plant have received major overhaul.

East Horndon Sewage Disposal Works:

These works, built just prior to the war, are now considerably over-loaded, and are being reviewed with a view to considering extensions. At present work is being executed on the design of sludge drying beds and new sludge pumping arrangements. It is hoped to commence work on these new arrangements in 1968, subject to the approval of the Ministry of Housing and Local Government. The estimated cost of these improvements is £42,000.

Rayleigh Road Main Drainage Scheme:

This scheme, which involves the construction of two pumping stations, also gravity sewers and rising mains, is to start on 1st February and it is anticipated that the scheme will be completed towards the end of 1968, and will provide main drainage for 56 properties, estimated cost £42,500.

Nags Head Lane Main Drainage Scheme:

This scheme was submitted to the Ministry and approved by them during 1967, and despite the credit squeeze, approval has been given to the lowest tender. The scheme is scheduled to start in April, 1968, and will take approximately six months, and provide main drainage to fourteen properties, estimated cost £9,000.

Western Area Drainage Scheme:

Research has proceeded on the investigation into this scheme, but has been hampered by staff shortage. The scheme involves the resewering of a major part of the present Nags Head Lane Drainage area, with a view to eliminating the storm overflow and flooding problems.

Western Area Drainage Scheme - continued -

As a preliminary to this scheme the design work has been completed for a trade effluent sewer and mixing tanks, which it is hoped to construct during 1968, estimated cost £150,000.

Surface Water Drainage:

Research has proceeded into a number of schemes in the Brentwood area and consideration is being given to this in the Western Area Scheme. A contract has been let for the relief of flooding in Burland Road, and is currently being constructed, estimated cost £6,500. Schemes are currently being designed for Hutton Village and the Central area of Shenfield.

Soil Sewer - Rayleigh Road:

The sewer between Church Road and Hutton Village has been investigated and found to be in a bad condition, and in order to avoid further trouble when the new rising main from the lower end of Rayleigh Road is connected into this sewer, the scheme has been prepared as a matter of urgency. Estimated cost is £9,500.

WATER SUPPLY

I have received reports from both the South Essex Waterworks Company and the Southend Waterworks Company, both of whom report that:-

- (a) The water supply of the whole area has been satisfactory in quantity and quality.
- (b) Bacteriological and chemical examinations are made of the raw water, of the water in its various stages of treatment, and of the water going into supply. More than 10,000 examinations have been made and all the water going into supply was wholesome. The fluoride content of water is put at 0.25 p.p.m. In water abstracted from rivers it is 0.3 p.p.m. and from wells 3.5 p.p.m. Water going into supply from Hanningfield is examined daily and that from wells fortnightly by Resident Chemists. These examinations show the water to be good chemically and excellent bacteriologically.
- (c) The water is not plumbo-solvent. Samples of water had been standing in lead service pipes overnight were taken recently and the proportion of lead found by analysis was between 0.03 and 0.05 p.p.m.
- (d) No action has been necessary in respect of any form of contamination.
- (e) The South Essex Waterworks Company supplied a population of about 53,559 by direct supply to 16,263 dwellinghouses. The number of houses supplied by standpipes was insignificant. Southend Waterworks Company supplied a population of 3,441 by direct supply to 1,024 dwellinghouses, but no houses by means of standpipes.

GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA

National Health Service Act, 1946 - Part II Hospital Services

Brentwood Group Hospital Management Committee

Annual Return for year ended 31st December, 1967.

	<u>Brentwood Dist:Hosp:</u>	<u>Maternity Home</u>	<u>Harold Wood Hospital</u>
1. Staffed beds allocated at 31st December, 1967.	62	24	380
2. Average daily number of available beds	59.37	20.03	379 .69
3. Average daily bed occupation % during the year. beds	70.00% 41.56	68.75% 13.77	84. 38% 320. 37
4. Discharges & deaths (a) during year.	1497	602	6946
(b) Births		396	
5. Annual Number of Consultative Clinic Sessions held	504	-	1582
6. New Out-patients during year	3858	-	8494
7. Total attendances during year	11063	-	46612
8. Accident & Emergency attendances	1335	-	30131
9. <u>Physiotherapy:</u>			
(i) New In-patients	174	105	2861
Attendances	1468	255	23097
(ii) New Out-patients	1420	66	1182
Attendances	17704	152	14152
(iii) Total Treatments	33656	559	53989
<u>Group Exercises:</u>			
New Patients			360
Attendances			4626
Total treatments			10534
10. <u>Chiropody:</u>			
(i) New In-patients			51
Attendances			112
(ii) New Out-patients			28
Attendances			553

<u>High Wood Hospital</u>	<u>St. Faith's Hospital</u>	<u>Alexandra Annexe</u>	<u>Specialist Clinics</u>	<u>Totals</u>
187	298	28		979
181.78	298	28		966.87
90.09%	54.40%	87.78%		75.10%
163.77	162.11	24.58		726.16
445	41	60		9591 396
<hr/>				
<u>Chest Clinic</u>				
250			177	2513
669			387	13408
5143			2796	65614
<hr/>				
				31466
<hr/>				
93	17			3250
5510	473			30803
157				2825
3241				35249
17492				105696
				360
				4626
				10534
<hr/>				
38	3			92
155	1415			1685
				28
				553
<hr/>				

Brentwood Group Hospital Management Committee
Annual Return for year ended 31st December, 1967

Brought forward -	Brentwood Dist.Hosp:	Maternity Home.	Harold Wood Hospital
<hr/>			
11. <u>Occupational Therapy:</u>			
(i) New In-patients			459
Attendances			41284
(ii) New Out-patients			173
Attendances			6377
<hr/>			
12. <u>Speech Therapy:</u>			
(i) New In-patients			22
Attendances			101
(ii) New Out-patients			10
Attendances			273
<hr/>			
13. <u>Audiometry:</u>			
(i) New In-patients			4
Attendances			4
(ii) New Out-patients	161		137
Attendances	284		274
<hr/>			
14. <u>Orthoptics:</u>			
(i) New In-patients			
Attendances			
(ii) New Out-patients			
Attendances			
<hr/>			
15. <u>Surgical Appliances:</u>			
(i) New In-patients	8		650
Attendances	9		1622
(ii) New Out-patients	345		120
Attendances	1458		184
<hr/>			
16. <u>Dietetics:</u>			
(i) New In-patients			459
Attendances			15071
(ii) New Out-patients			243
Attendances			1230
<hr/>			
17. <u>X-Ray Units:</u>			
(i) In-patients	1494		33633
(ii) Out-patients & others	45226		48998
<hr/>			
18. <u>Electrocardiography:</u>			
(i) New In-patients	45		629
Attendances	86		2486
(ii) New Out-patients	128		379
Attendances	189		823

Brentwood Group Hospital Management Committee
Annual Return for year ended 31st December, 1967.

<u>High Wood Hospital</u>	<u>St. Faith's Hospital</u>	<u>Alexandra Annexe</u>	<u>Specialist Clinics</u>	<u>Totals:</u>
48	10			517
4847	14096			60227
17				190
1054				7431
				22
				101
				10
				273
				4
				4
				298
				558
136			55	191
552			263	815
				658
				1631
				465
				1642
				459
				15071
				243
				1230
1453				36580
771				94995
6446 Chest Clinic				6446
				674
				2572
				507
				1012

WARLEY HOSPITAL

I have abstracted the following from the report of the Physician Superintendent :-

"During the year there were 206 deaths, of which 68 were in the age group 65/74 years; 37 in the age group 75/79 years; 57 in the age group 80/89 and 13 aged 90 years or over; thus, a total of 175 (84.9%) were over 65 years at death.

	<u>Male</u>	<u>Female</u>	<u>Total:</u>
(1) Number on Books at 31.12.66.	716	985	1701
(2) Number admitted during 1967	603	1041	1644
(3) Number discharged and left during 1967	534	907	1441
(4) Transferred to other hospitals	2	1	3
(5) Died	78	128	206
(6) On Books at 31.12.67.	705	990	1695

NATIONAL BLOOD TRANSFUSION SERVICE

I have received the following report from the Director of the North-East Metropolitan Regional Blood Transfusion Centre:-

" In 1967 blood donor sessions for the Brentwood panel were again held in St.Thomas' Parish Hall, Eastfield Road, at the Territorial Army Hall, Chestnut Grove and at St.Mary's Parish Hall, Hutton Road, Shenfield.

The attendance of blood donors at the 17 sessions held during the year was 1,848. Members of the W.R.V.S. Brentwood continued to give valuable help to the National Blood Transfusion Service by providing regular assistance at these sessions.

Local firms have also co-operated in allowing blood donors to give their donations in working time and in some instances have permitted sessions to be held on the premises. 631 donors gave their services at such sessions during the past year.

With the increasing use of blood transfusion therapy in the local hospitals and others throughout the North East Metropolitan Region served by the Regional Transfusion Centre at Brentwood, the need for new volunteers to maintain this essential service continues.

All who are in good health and between the ages of 18 - 65 years are invited to enrol as blood donors. Further information may be obtained from the Regional Donor Organiser, North East Metropolitan Regional Blood Transfusion Centre, Brentwood."

PART III - LOCAL HEALTH AUTHORITY SERVICES

The following is a list of the Clinical Sessions provided by the Mid-Essex Area Sub-Committee of the Essex County Council, and held at the Brentwood Combined Treatment Centre, 39, Queens Road, Brentwood. Essex. (Telephone: Brentwood 1863).

Type of Service:

Day and Time:

Child Welfare	Monday afternoons - 2 p.m. - 4 p.m.
School Clinic (By appointment only)	Tuesday mornings - 9 a.m. - 12 noon.
Immunisation and Vaccination "	Tuesday mornings 1st in the month.
Relaxation Classes "	Wednesday afternoons 2 p.m. - 4 p.m.
Speech Therapy "	Wednesday & Friday mornings
Dental Inspection & Treatment	By appointment only
Ophthalmic Clinic	By appointment only
Chiropody (for Old Age Pensioners, persons handicapped & expectant mothers)	By appointment only
Cervical cytology	By appointment only (2nd & 4th Fridays)

The following is a list of Clinical Sessions provided at the Three Arch Bridge Clinic, Cherry Avenue, Brentwood. (Telephone: Brentwood 767.)

Type of Service

Day and Time

Ophthalmic Clinic (By appointment only)	Monday afternoons - first in month.
Immunisation, including poliomyelitis vaccination	Monday afternoons - third in month.
Minor Ailment	Tuesday mornings - 1st, 3rd & 5th in mth.
Audiometry Sessions	Tuesday mornings - 4th in the month.
Chiropody (By appointment only)	Tuesday afternoons.
Child Welfare	Wednesday afternoons 2 p.m. - 4 p.m.
Child Welfare (Doctor in attendance)	Wednesday afternoons 3rd in month.
Speech Therapy	Wednesdays - by appointment only.
Cervical cytology	Thursday mornings - by appointment only.
Women's Welfare	Thursday mornings - 1st and 3rd in month.

The following is a list of Clinical Sessions at the Hutton Clinic, Goram Green, Hutton, Brentwood. Essex. (Telephone: Brentwood 6182)

<u>Type of Service</u>	<u>Day and Time</u>
Midwives' Clinic	Monday afternoons - 1st & 3rd in month.
Ophthalmic Clinic	Mondays - 3rd morning in the month.
Relaxation Classes	Tuesday mornings.
Infant Welfare	Tuesday afternoons - 2 p.m.- 4 p.m.
Minor Ailment (Doctor in attendance)	Wednesday mornings - 2nd & 4th in month.
Infant Welfare	Tuesday & Wednesday afternoons
Immunisation (By appointment only)	Thursdays - 3rd in the month.
Audiometry Sessions	Thursdays - 4th in the month.
Cervical cytology (By appointment only)	Thursday afternoons
Dental Clinic	By appointment only.

Subsidiary Centres:-

<u>Meeting Place</u>	<u>Day and Time</u>
Ingrave Clinic (Doctor in attendance) held at St.Nicholas Hall.	Monday afternoons - 2nd & 4th in month.
South Weald Clinic held at 85, London Road, Brentwood.	Tuesday afternoons - 2nd & 4th in month.
Keys Hall, Warley Barracks.	Tuesdays - 3rd in the month.
Bentley Clinic (Doctor in attendance) held at the Village Hall.	Tuesdays - 4th in month for immunisation. Every Thursday afternoon for Child Welfare.
West Horndon Clinic (Doctor in attendance) held at the Village Hall, Thorndon Ave.	Thursday afternoons - 2nd & 4th in month.
Village Hall, Roman Road, Mountnessing.	Thursday afternoons - 2nd in the month.

VACCINATION and IMMUNISATION

The following information on the number of people given various protective immunisation during the year has been received from the Area Health Office at Chelmsford.

<u>Primary Courses carried out by:-</u>	<u>G.P's</u>	<u>County Staff.</u>	<u>Total:</u>
Diphtheria, pertussis and tetanus	568	247	815
Diphtheria and tetanus	18	50	68
Diphtheria	1	4	5
Tetanus	60	56	116
Poliomyelitis: Sabin Vaccine - 3 doses	619	358	977
Smallpox	397	265	662
B.C.G.	-	661	661
Totals:	1663	1641	3304

Re-inforcing Doses:

Diphtheria, pertussis and tetanus	391	176	567
Diphtheria and tetanus	518	289	807
Diphtheria	15	42	57
Pertussis	1	-	1
Tetanus	154	87	241
Poliomyelitis: 1 dose after 3 sabin	667	346	1013
Smallpox	101	30	131
Totals:	1847	970	2817

HOME HELP SERVICE

During the period from 1st January to the 31st December, 1967, new requests for Home Helps totalled 263, and the total number of cases helped as follows:- (Each week some 370 patients have help covered by 75 Home Helps)

<u>Quarter:</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
<u>1967.</u>	<u>(Aged 65 & over)</u>	<u>(Maternity)</u>	<u>(Chronic sick)</u>	<u>(Short term)</u>
			<u>under 65 yrs.</u>	
Jan/March	367	275	33	22
Apr/June	368	277	23	29
July/Sept.	364	278	20	23
Oct/Dec.	354	278	14	18
1453	1108	90	163	92

THE COUNTY AMBULANCE SERVICE

I would acknowledge with thanks the permission of the County Medical Officer of Health to include in this report details and statistics relating to the National Health Service Act, 1946, functions for which they are responsible in the area.

The Ambulance service is centrally administered and is the responsibility of the Essex County Council, Dr. J.A.C. Franklin has kindly provided the following information relating to the operation of the County Ambulance Service in the Brentwood Urban District during 1967:-

Ambulance Vehicles	1
Dual Purpose Vehicles	4
Sitting Case Vehicles	2
Stretcher cases conveyed	1,763
Other cases conveyed	17,797
Total cases conveyed	19,560
Emergency cases	1,889
Total Mileage	108,141

DEPARTMENT OF THE CHIEF PUBLIC HEALTH INSPECTOR

<u>Inspection of Area:</u>	<u>Visits:</u>
Housing Acts 1936-1957 (Demolition or Closure)	155
Housing Act, 1957. (Repair of Housing Defects)	472
Public Health Act, 1936 (Remedy of Sanitary Defects)	157
Housing Acts - Improvement Grants	591
Housing Acts - Standard Grants	42
Housing Acts - Inquiries re Grants etc.	134
House Improvements (Compulsory)	161
Houses in Multiple Occupation	90
Housing Acts (Overcrowding)	38
Public Health Act (General)	767
Infectious Diseases	1798
Food Poisoning Investigation	212
Verminous or Dirty Premises	77
Disinfestation (Pests etc.)	97
Water supplies	133
Drainage and Sewerage, Cesspools etc.	870
Ponds, ditches etc.	363
Keeping of swine, fowl etc.	177
Accumulation of Refuse	165
Refuse Tips	103
Rats and Mice (General)	269
Rats and Mice (Sewer Baiting)	43
Factories (Power)	141
Factories (Non-Power)	12
Outworkers	19
Hairdressers' Premises, Massage Establishments etc.	14
Pet Shops	14
Moveable Dwellings	26
Swimming Bath Visits	103
Swimming Bath Samples	71
Diseases of Animals Act (Waste Foods Order)	27
Clean Air Act, 1956	276
Smoke observations	175
Schools (Washing and Sanitary Facilities etc.)	24
Day Nurseries and similar Establishments	47
Agriculture (Safety, Health and Welfare Provisions) Act, 1956.	38
Offices, Shops and Railway Premises Act, 1963 (1st inspections)	141
" " " " " " (Re-inspections)	191
Shops Act (re Closing Hours etc.)	11
Noise Abatement Act	224
Betting and Gaming Act	17
Miscellaneous Visits	538
Miscellaneous Interviews	74
Knacker's Yard	1
Total:	9,098

VISITS BY DISINFESTATION AND RODENT OFFICER

Laundry Service for the Incontinent (number of calls to patients)	1,261
Rat Destruction	2,525
Disinfestation	52
Pond Treatment (Mosquito control)	65
Drain Testing etc.	21
Assisting Public Health Inspectors	50
Conveyance of Welfare Foods	44
Rat Destruction at Refuse Tip	41
Rat Destruction at Sewage Works	82

Total:	4,141
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FOOD PREMISES - VISITS

Food Factories	34
Butchers' Shops	58
Fried Fish Shops	45
Other Food Shops	318
Cafes etc.	136
Licensed Premises	130
Ice-cream Premises	66
Dairies and Milk Shops	96
Bakehouses	17
Canteens (School)	87
Canteens (Factory)	70
Canteens (Institutional)	40
Mobile Shops	57
Milk and Ice-cream Vehicles	14
Visits re Food and Drugs Samples	130
Stalls	3

Total:	1,301
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Number of Complaints received during the year 603

UNSOOUND FOOD

The amount of unsound food condemned during the year
was 16 tons 1 cwt and 2 lbs.

FOOD PREMISES

Some 1,301 visits were made to food premises as compared with 1,306 in 1966. This kind of level of inspection is regarded as satisfactory, but it can never be over emphasized that should it be possible to devote more time to this aspect of public health work the results would completely justify the extra time and effort involved. Overall, however, I believe that the standard of food premises in the area is very good, although, unfortunately, it is always necessary to spend a disproportionate amount of time to deal with a few traders who fail to understand the importance of good hygiene practices; generally, but not always, education rather than prosecution is the weapon favoured to deal with these cases.

Below are set out the kinds of food premises in the Urban District:-

FOOD HYGIENE (GENERAL) REGULATIONS, 1960.

Type of Premises:	No:in district according to records	No: complying with Reg: 16.	No: of which Reg: 19 applies	Fitted to comply with Reg: 19
Bakehouses & Bakers' Shops	12	12	12	12
Butchers' Shops	26	26	26	26
Cafes etc.	24	24	24	24
Confectioners	41	-	-	-
Fish Shops (Fried & Wet)	10	10	10	10
Greengrocers	25	25	25	25
Multiple Stores	11	11	11	11
Grocers' Shops	56	56	56	56
Institutional Canteens	14	14	14	14
School Canteens	33	33	33	33
Works Canteens	15	15	15	15
Catering (Miscellaneous)	3	3	3	3
Licensed Premises	64	64	64	64
Food Factories	1	1	1	1

THE LIQUID EGG (Pasteurisation) REGULATIONS, 1963

There are no egg pasteurisation plants in the Urban District.

MILK SUPPLIES (Bacteriological Sampling)

Regular bacteriological sampling of milk was again carried out. Sixty-one samples being taken. Thirteen samples of raw milk were all satisfactory and proved negative for "Brucella Abortus." Three of these samples were also tested for the presence of antibiotics, with negative results.

Forty-eight samples of 'Pasteurised' Milk were taken, forty-five of these were satisfactory, the remaining three failed the methylene blue test.

ICE-CREAM (Bacteriological Sampling)

Thirty-nine samples of ice-cream were taken, only one of which proved to be unsatisfactory.

OTHER BACTERIOLOGICAL SAMPLING OF FOOD

	<u>No: of Samples:</u>	<u>Satisfactory:</u>	<u>Unsatisfactory:</u>
Frankfurters	1	1	-
Meat faggots	1	1	-
Savaloys	1	1	-
Frozen prawns	1	1	-
Pasta Buitoni	2	-	2
Egg vermicilli	1	1	-
Cream and cream cakes	4	2	2
Asparagus tips	1	1	-
Pet foods	8	6	2

The number of bacteriological samples taken in the district was not sufficient nor was the sampling comprehensive enough to make any overall judgments, but it seems evident that whilst the public now enjoy, perhaps a greater choice of varied and interesting foods than ever before, the difficulties of control continue to increase rather than otherwise, and the price of the sale or clean food (in the bacteriological sense) is the continued vigilance of the Public Health Inspector.

SAMPLING FROM FORDS DEPOT AT WARLEY

The department has made an arrangement with the Ford Motor Company to carry out weekly bacteriological checks of frozen foods, stored at and distributed from their depot at Warley.

Sampling commenced in March, 1967. During the year no less than 479 samples received bacteriological checks and the sampling ranged over a very wide field of food products, with special attention to various prepared meat dishes.

Of the 479 samples taken only two proved to be bacteriologically unsatisfactory and the results indicate that the general standard attained at the depot was very high.

FOOD and DRUGS ACT, 1955 (FOOD SAMPLING)

During the year fifty-four formal and one hundred and thirty informal samples were submitted for examination. One hundred and twenty samples were completely satisfactory, the details of the ten unsatisfactory are as under:-

Milk	1 unsatisfactory sample;
Pork sausages	No declaration of preservative;
Cake	Contained a cigarette end;
Cheese	Misdescription;
Milk shake drink	Contaminated due to misuse of bottle;
Garden peas	Contained leaf tissue;
Vodka	Four samples contained very slight traces of added water, due possibly to glass not being 100% dry.

It was not considered necessary to take formal action in respect of any of the unsatisfactory samples.

SWIMMING BATHS

Results of samples taken during 1967, were as follows:-

	<u>Samples taken:</u>	<u>Results:</u>	
		<u>Satisfactory:</u>	<u>Unsatisfactory:</u>
Hutton Poplars	12	12	-
Brentwood U.D.C. Bath	10	9	1
Brentwood Grammar School	2	2	-
Brentwood County High School	2	2	-
Shenfield Technical School	12	12	-
Ursuline Convent School	9	9	-
Pilgrims Hatch School	8	8	-

CLEAN AIR ACT, 1956.

The Brentwood (No:6) Smoke Control Order affecting some 465 dwellings was confirmed during the year, but little progress has otherwise been made. I have reported to the Council that unless an additional Public Health Inspector is appointed to specialise in this work, and adequate provision is made in estimates to deal with the cost of conversions, the position must remain unsatisfactory, but at the time of writing the general economic position is such that there appears to be little hope of this improving.

REFUSE DISPOSAL

The Engineer, Surveyor and Planning Officer's Department is responsible for the collection and disposal of refuse. Controlled tipping is carried out at the Council's Tip in Coxtie Green Road. Regular treatment is carried out for rat infestation and operations generally were to the satisfaction of the Public Health Department.

PUBLIC CONVENIENCES

Following a joint report of the Medical Officer of Health and the Chief Public Health Inspector, the Council have continued their efforts to provide adequate and vandalproof sanitary conveniences in the area.

The position at the time of writing, in relation to the various conveniences, is as follows:-

- (1) The Brentwood High Street Convenience is in the process of modernisation.
- (2) The Brentwood Ongar Road Convenience is in the process of modernisation. Foot operated, warm water control valves will be used in this scheme.
- (3) The Brentwood Weald Road Convenience is being redecorated.
- (4) The Brentwood Myrtle Road Convenience is scheduled for modernisation in 1969.

Work is proceeding with the Brentwood By-Pass Convenience, and the Rayleigh Road, Hutton Convenience. In these conveniences foot operated pedals will be used to operate both wash hand basins and flushing cisterns.

COMMON LODGING HOUSES

There are no common lodging houses in the district.

OVERCROWDING

Five cases of definite overcrowding were brought to the notice of this Department, and referred to the Council's Housing Manager for attention.

HOUSING

During the year four houses were demolished as a result of formal action under the Housing Act, 1957 and nine houses were closed.

The new Railway Square, a pleasing and well planned development, has now been built in place of the old. The final flowering of this scheme, the preliminaries of which were subject of much hard work by certain members of the department, has been most rewarding.

Sixty-six houses were made fit as a result of formal or informal action, and the steady flow of applications for Standard and Discretionary Grants continues. I would like to acknowledge the value of the work done by Mr. E.A. Sheppard, my deputy, in this connection.

HOUSING STATISTICS

Housing in clearance areas and unfit houses elsewhere:-

(a) Houses demolished during the year:

In clearance areas	...	...	...	...	Nil
Not in clearance areas (as a result of formal or informal procedure under Section 17 (1) Housing Act, 1957)					4

(b) Unfit houses closed during the year:

Under Section 16 (4) 17 (1) and 35 (1) Housing Acts, 1957 and Section 26 Housing Act, 1961.	9
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(c) Unfit houses made fit and houses in which defects were remedied:

(a) After informal action by Local Authority	57
(b) After formal notice under:-		
(i) Public Health Acts	...	3
(ii) Sections 9 and 16 Housing Act, 1957. ..	...	3
(iii) After determination of Closing Orders .	...	3

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

During the year 332 visits were made under the Act and at the end of 1967, the number of registered premises was 754.

The total number of contraventions found was 135. Informal Notices requiring the contraventions to be dealt with were served in all cases.

A total of eleven accidents was reported during the year. None of these were serious and all were investigated by the department and suitable recommendations made where necessary.

THE ADMINISTRATION OF THE FACTORIES ACT, 1961.

INSPECTIONS for purpose of provisions as to health (including inspections made by Public Health Inspectors)

Premises	No: on Register	Number of Inspections	Number of Written Notices	Number of Occupiers prosecuted
(1)	(2)	(3)	(4)	(5)
(a) Factories in which Sections 1,2,3,4, and 6 are to be enforced by Local Authority	8	12	1	-
(b) Factories not included in (a) in which Section 7 is enforced by the Local Authority	166	141	14	-
(c) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	-	-	-	-
Total:	174	153	15	-

CASES in which DEFECTS were found.(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more 'cases')

Particulars:	Found:	Remedied:	Referred:-		(6)
(1)	(2)	(3)	To H.M. Inspector	By H.M. Inspector	No: of cases in which prosecutions were instituted.
Want of cleanliness (S.1.)	7	6	-	-	-
Overcrowding (S.2.)	-	-	-	-	-
Unreasonable temperature (S.3.)	-	-	-	-	-
Inadequate ventilation (S.4.)	8	-	-	-	-
Ineffective drainage of Floors (S.6.)	-	-	-	-	-
Sanitary Conveniences (S.7.)					
(a) Insufficient;	-	-	-	-	-
(b) Unsuitable or defective;	-	1	-	-	-
(c) Not separate for sexes;	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork.)	1	-	-	-	-
Total:	16	7	-	-	-

Administration of the Factories Act, 1961.	38
Analysis of Notifiable Diseases under Age Groups.	12/13
Brentwood Group Hospital Management Committee's Annual Return.	22/25
Brentwood Home Safety Committee.	17/19
Brentwood Tuberculosis and Chest Care Association.	16
Causes of Death.	8/9
Causes of Death - Graph - Heart and Circulatory Diseases.	10
Causes of Death - Graph - Malignant Neoplasms.	11
Clean Air Act, 1956.	35
Common Lodging Houses.	36
Corrected Birth Rate - Graph.	6
Corrected Death Rate - Graph.	7
County Ambulance Service.	30
Food and Drugs Act, 1955 (Food Sampling).	35
Food Hygiene (General) Regulations, 1960.	33
Food Premises.	33
Food Premises - Visits.	32
Food Sampling from Fords Depot at Warley.	34
Home Help - Service.	29
Housing.	37
Housing Statistics.	37
Ice-Cream (Bacteriological Sampling).	34
Infectious Diseases.	14/15
Inspection of Area.	31
Laundry Service for the Incontinent.	16
Letter from the Medical Officer of Health.	3
Liquid Egg (Pasteurisation) Regulations, 1963.	33
Local Health Authority Services - Clinical Sessions.	27/28
Members of the Council - as at the 31.12.67.	1
Milk Supplies (Bacteriological Sampling).	34
National Blood Transfusion Service.	26
Number of Complaints.	32
Offices, Shops and Railway Premises Act, 1963.	37
Other Bacteriological Sampling of Food.	34
Overcrowding.	36
Public Conveniences.	36
Public Health Department Staff.	2
Refuse Disposal.	36
Road Safety Report.	19
Sewerage and Sewage Disposal.	20/21
Statistics and Social Conditions.	4
Swimming Baths.	35
Unsound Food.	32
Vaccination and Immunisation.	29
Visits by Disinfestation and Rodent Officer.	32
Vital Statistics.	4/5
Warley Hospital.	26
Water Supply.	21
Welfare Services - Voluntary Organisations.	19

